

Optical Module Package**ABSTRACT**

5 In at least some embodiments, an optical module package includes a housing, a plurality of optical
fiber cables connected to the housing, and optical fiber connectors terminating each cable. Each
optical fiber cable may include an optical fiber, two concentric flexible protective tubes enclosing
the fiber, and aramid (e.g. Kevlar®) fibers disposed between the protective tubes. Each
protective tube is capable of longitudinally sliding relative to the optical fiber along at least part of
10 the cable, to release stresses resulting from differential thermal expansion of the optical fiber and
the protective tubes. Each optical fiber may be held fixed relative to the housing and distal
connectors, and one or both of the ends of the protective tubes may be free to move. The
protective tubes may also be held fixed relative to the housing, and the optical fiber(s) allowed to
move within the housing.